

Remarks

Applicant thanks the Examiner for the careful examination of this application and the clear explanation of the rejections.

A new title conforms to the new claims.

A new abstract better conforms to the disclosure and meets the number of words requirement.

The new claims present the matter in better form and particularly point out and distinctly claim the subject matter the applicant regards as his invention.

New independent claim 17 defines an integrated circuit comprising functional circuitry, test access port circuitry, and scan test port circuitry. Connection circuitry connects the test access port circuitry and the scan test port circuitry.

A first gate selectively connects a test mode signal to the test mode lead of the test access port. The second gate includes a lock out signal input. The lock out signal selectively controls coupling the test mode signal to the test mode lead.

Tap lock circuitry has a lock out signal output connected to the lock out signal input of the first gate. The tap lock circuitry has inputs connected to the test access port circuitry, the test mode select signal, and a test clock lead.

These limitations find support in Figures 7 and 8A and related specification text.

US 5,606,566 to Whetsel fails to disclose a scan test port or connection circuitry between a test access port and a scan test port. The Whetsel patent further fails to disclose or suggest any first gate or tap lock circuitry corresponding to the first gate or tap lock circuitry of claim 17.

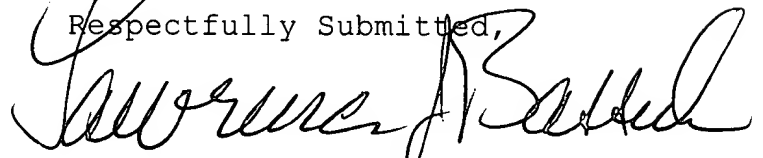
These are positively recited structural elements of the present claims that distinguish claim 17 over the cited art.

Claim 17 further distinguishes over the pending claims in US patent application 09/845,562. That application has the same disclosure as the present patent application. The pending claims in that application fail to teach or suggest the present limitations concerning the first gate and the tap lock circuitry.

There is no double patenting of the present claims over the claims in that application.

The application is in allowable form and the claims distinguish over the cited references. Applicant respectfully requests reconsideration or further examination of this application.

Respectfully Submitted,



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